



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
[www.uspto.gov](http://www.uspto.gov)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.								
10/576,955	10/03/2006	Rainer Kroopke	P29860	2787								
7055	7590	01/07/2009										
GREENBLUM & BERNSTEIN, P.L.C. 1950 ROLAND CLARKE PLACE RESTON, VA 20191		<table border="1"><tr><td colspan="2">EXAMINER</td></tr><tr><td colspan="2">SALVATORE, LYNDA</td></tr><tr><td>ART UNIT</td><td>PAPER NUMBER</td></tr><tr><td>1794</td><td></td></tr></table>			EXAMINER		SALVATORE, LYNDA		ART UNIT	PAPER NUMBER	1794	
EXAMINER												
SALVATORE, LYNDA												
ART UNIT	PAPER NUMBER											
1794												
		<table border="1"><tr><td>NOTIFICATION DATE</td><td>DELIVERY MODE</td></tr><tr><td>01/07/2009</td><td>ELECTRONIC</td></tr></table>			NOTIFICATION DATE	DELIVERY MODE	01/07/2009	ELECTRONIC				
NOTIFICATION DATE	DELIVERY MODE											
01/07/2009	ELECTRONIC											

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

gbpatent@gbpatent.com  
pto@gbpatent.com

<b>Office Action Summary</b>	<b>Application No.</b> 10/576,955	<b>Applicant(s)</b> KROEPEK ET AL.
	<b>Examiner</b> LYNDA M. SALVATORE	<b>Art Unit</b> 1794

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
  - If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
  - Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED. (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

#### Status

- 1) Responsive to communication(s) filed on 14 October 2008.
- 2a) This action is FINAL.      2b) This action is non-final.
- 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

#### Disposition of Claims

- 4) Claim(s) 31-34 and 39-54 is/are pending in the application.  
 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) Claim(s) 31-34 and 39-46 is/are allowed.
- 6) Claim(s) 47-54 is/are rejected.
- 7) Claim(s) \_\_\_\_\_ is/are objected to.
- 8) Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

#### Application Papers

- 9) The specification is objected to by the Examiner.
- 10) The drawing(s) filed on \_\_\_\_\_ is/are: a) accepted or b) objected to by the Examiner.  
 Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
 Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

#### Priority under 35 U.S.C. § 119

- 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
 a) All    b) Some \* c) None of:  
 1. Certified copies of the priority documents have been received.  
 2. Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.  
 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

#### Attachment(s)

- 1) Notice of References Cited (PTO-892)  
 2) Notice of Draftsperson's Patent Drawing Review (PTO-948)  
 3) Information Disclosure Statement(s) (PTO/SB/08)  
 Paper No(s)/Mail Date \_\_\_\_\_
- 4) Interview Summary (PTO-413)  
 Paper No(s)/Mail Date. \_\_\_\_\_
- 5) Notice of Informal Patent Application  
 6) Other: \_\_\_\_\_

## DETAILED ACTION

### *Response to Amendment*

1. Applicant's amendment and accompanying remarks filed 10/14/08 have been fully considered. Claim 31 has been amended, claims 35-38 have been canceled and new claims 51-54 have been added as requested. Applicant's cancellation of claims 35-38 renders moot the rejections of claims 36 and 37. Applicant's amendment to claim 31 is found sufficient to overcome the rejections of claims 31-34 rejected under 35 U.S.C. 103(a) as being unpatentable over WO 03/039492 Goppel et al. Specifically, the prior art fails to teach the newly added limitations directed to an anti-inflammatory. As such, these rejections are hereby withdrawn. However, upon further consideration of claims 47 and 49, the following new ground of rejection is set forth herein below. As such, the allowance of claims 47-50 is hereby withdrawn.

### *Claim Rejections - 35 USC § 103*

2. The text of those sections of Title 35, U.S. Code not included in this action can be found in a prior Office action.

3. Claims 47-54 are rejected under 35 U.S.C. 103(a) as being unpatentable over WO 03/039492 Goppel et al., (note: US 2005/0002994 is relied upon as a translation for the WO document).

Goppel et al., teaches a non-woven comprising cotton fibers are treated with the claimed ethyl 3-(N-n-butyl-N-acetylarnino)propionate (abstract and section 0267). Goppel et al., teach a thickness of .4mm to 1.5 mm (section 0021). Groppe et al., teach an oil-in-water emulsion (sections 0041-0043).

With regard to the claimed amount of cotton fibers, degree of impregnation and amount of ethyl 3-(N-n-butyl-N-acetylarnino), Goppel et al., teach employing various fibers, but only exemplifies a ratio of 70 wt. % viscose and 30 wt.%PET (sections 0282-0283). However, it is the position of the Examiner that absent unexpected results, it would be obvious to one having ordinary skill in the art at the time the invention was made to optimize the amount of cotton fibers, degree of impregnation and amount of ethyl 3-(N-n-butyl-N-acetylarnino) in the non-woven as a function of softness and/or absorbency and insect repellency. It has been held that discovering an optimum value of a result effective variable involves only routine skill in the art. *In re Boesch*, 617 F. 2d 272, 205 USPQ 215 (CCPA 1980).

***Conclusion***

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to LYNDA M. SALVATORE whose telephone number is (571)272-1482. The examiner can normally be reached on M-F.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Milton Cano can be reached on 571-272-1398. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

January 5<sup>th</sup>, 2008  
Art Unit 1794

/Lynda Salvatore/  
Primary Examiner